

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: January 7, 2000, 22:23:27 ; Search time 2981.65 Seconds
(without alignments)
172.089 Million cell updates/sec

Title: PCT-US99-26055-10

Perfect score: 120
Sequence: 1 gtgaacagaggagggaag.....tgagccacaccttccacatg 120

Scoring table: OLIGO_NUC

Searched: 780561 seqs, 2137953050 residues

Database : GenEmbl.*

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- 2: gb_ba2.*
- 3: gb_om.*
- 4: gb_ov.*
- 5: gb_pat.*
- 6: gb_ph.*
- 7: gb_pl1.*
- 8: gb_pl2.*
- 9: gb_pr1.*
- 10: gb_pr2.*
- 11: gb_pr3.*
- 12: gb_ro.*
- 13: gb_sts.*
- 14: gb_sy.*
- 15: gb_un.*
- 16: gb_v1.*
- 17: gb_v2.*
- 18: em_htc.*
- 19: em_hum1.*
- 20: em_hum2.*
- 21: em_in.*
- 22: em_om.*
- 23: em_or.*
- 24: em_ov.*
- 25: em_pat.*
- 26: em_ph.*
- 27: em_pl.*
- 28: em_ro.*
- 29: em_sts.*
- 30: em_sy.*
- 31: em_un.*
- 32: em_v1.*
- 33: gb_htg1.*
- 34: gb_htg2.*
- 35: gb_in1.*
- 36: gb_in2.*
- 37: gb_ba1.*
- 38: gb_ba2.*
- 39: em_hum3.*
- 40: em_hum4.*
- 41: gb_pr4.*
- 42: gb_htg3.*
- 43: gb_htg4.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Match Length DB ID Description

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4	18	15.0	12518	11	HSDOC202	U41111 Human mitog
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6	18	15.0	226345	41	AC005406	AC005406 , complet
7	18	15.0	117639	41	AC005866	AC005866 Homo sapi
8	17	14.2	10176	3	AF005497	AF005497 Bos tauru
9	17	14.2	2200	4	DRU54796	U54796 Danio rerio
10	17	14.2	163795	9	AP000356	AP000356 Homo sapi
11	17	14.2	147135	9	HS368A4	283843 Human DNA s
12	17	14.2	39756	9	HS111386	269837 Human DNA s
13	17	14.2	28031	9	HS1UCAB	284495 Human DNA s
14	17	14.2	1542	9	HUMD123A	DL4878 Human mRNA
15	17	14.2	69017	10	HS41018	AL031732 Human DNA
16	17	14.2	143453	10	HS7661G12	AL049797 Human DNA
17	17	14.2	200348	11	AC005516	AC005516 Homo sapi
18	17	14.2	147902	11	AC005670	AC005670 Homo sapi
19	17	14.2	110096	11	CH19HR23	AD000092 Homo sapi
20	17	14.2	3655	11	HS090094	U90094 Human chrom
21	17	14.2	1371	11	U27112	U27112 Homo sapien
22	17	14.2	36534	11	U73167	U73167 Homo sapien
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24	17	14.2	119865	12	AC004407	AC004407 Mus muscu
25	17	14.2	13297	12	AC005835	AC005835 Mus muscu
26	17	14.2	591	12	AF032459	AF032459 Mus muscu
27	17	14.2	423	12	AF032460	AF032460 Mus muscu
28	17	14.2	333	12	AF032461	AF032461 Mus muscu
29	17	14.2	333	12	AF065432	AF065432 Rattus no
30	17	14.2	591	12	AF065433	AF065433 Rattus no
31	17	14.2	423	12	AF136927	AF136927 Rattus no
32	17	14.2	6708	12	MUSCYCLOA	L04289 Mouse cyclo
33	17	14.2	353	13	G25238	G25238 human STS E
34	17	14.2	395	13	G29573	G29573 human STS S
35	17	14.2	1557	25	E11207	E11207 Human CDNA
36	17	14.2	119000	33	AC003656_3	Continuation (4 of
37	17	14.2	56078	33	HSJ9817	AJ009617 Homo sapi
38	17	14.2	106606	33	HSJ90108	AL078461 Homo sapi
39	17	14.2	74780	34	AC005445	AC005445 Drosophil
40	17	14.2	166214	34	AC006735	AC006735 Caenorhab
41	17	14.2	86408	34	AC007952	AC007952 Homo sapi
42	17	14.2	27396	35	CELC54G6	AF043698 Caenorhab
43	17	14.2	686	35	LM5KDINS	X17024 Locusta mig
44	17	14.2	528	35	LMGIRP3	Z29964 L.migratori
45	17	14.2	159821	41	AC009743	AC009743 Homo sapi

ALIGNMENTS

RESULT	1					
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LOCUS	DEFINITION	AC005277	118788 bp	DNA	PRI	23-JUL-1998
DEFINITION	AC005277	118788 bp	118788 bp	DNA	PRI	23-JUL-1998
AC005277	AC005277	118788 bp	118788 bp	DNA	PRI	23-JUL-1998
NID	AC005277.1	GI:3337311	GI:3337311	GI:3337311	GI:3337311	GI:3337311
KEYWORDS	HTG	HTG	HTG	HTG	HTG	HTG
SOURCE	Human	Human	Human	Human	Human	Human
ORGANISM	Homo sapiens	Homo sapiens	Homo sapiens	Homo sapiens	Homo sapiens	Homo sapiens
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
THOR	Birren,B., Fasman,K., Linton,L., Nusbaum,C., Lander,E., Allen,N., Baker,J., Baldwin,J., Barna,N., Beckerly,R., Benn,J., Boatman,C., Boutwell,C., Brown,A., Castle,A., Cerny,J., Cooke,P., Depayre,E., Devon,K., Dewar,K., Donelan,L., Etmadi,S., Ferreira,P., Fitzhugh,W., Forrest,C., Funke,R., Gage,D., Gardyna,S., Gensheimer,S., Geraigery,K., Gilmartin,T., Grant,G., Hagos,B.,	Birren,B., Fasman,K., Linton,L., Nusbaum,C., Lander,E., Allen,N., Baker,J., Baldwin,J., Barna,N., Beckerly,R., Benn,J., Boatman,C., Boutwell,C., Brown,A., Castle,A., Cerny,J., Cooke,P., Depayre,E., Devon,K., Dewar,K., Donelan,L., Etmadi,S., Ferreira,P., Fitzhugh,W., Forrest,C., Funke,R., Gage,D., Gardyna,S., Gensheimer,S., Geraigery,K., Gilmartin,T., Grant,G., Hagos,B.,	Birren,B., Fasman,K., Linton,L., Nusbaum,C., Lander,E., Allen,N., Baker,J., Baldwin,J., Barna,N., Beckerly,R., Benn,J., Boatman,C., Boutwell,C., Brown,A., Castle,A., Cerny,J., Cooke,P., Depayre,E., Devon,K., Dewar,K., Donelan,L., Etmadi,S., Ferreira,P., Fitzhugh,W., Forrest,C., Funke,R., Gage,D., Gardyna,S., Gensheimer,S., Geraigery,K., Gilmartin,T., Grant,G., Hagos,B.,	Birren,B., Fasman,K., Linton,L., Nusbaum,C., Lander,E., Allen,N., Baker,J., Baldwin,J., Barna,N., Beckerly,R., Benn,J., Boatman,C., Boutwell,C., Brown,A., Castle,A., Cerny,J., Cooke,P., Depayre,E., Devon,K., Dewar,K., Donelan,L., Etmadi,S., Ferreira,P., Fitzhugh,W., Forrest,C., Funke,R., Gage,D., Gardyna,S., Gensheimer,S., Geraigery,K., Gilmartin,T., Grant,G., Hagos,B.,	Birren,B., Fasman,K., Linton,L., Nusbaum,C., Lander,E., Allen,N., Baker,J., Baldwin,J., Barna,N., Beckerly,R., Benn,J., Boatman,C., Boutwell,C., Brown,A., Castle,A., Cerny,J., Cooke,P., Depayre,E., Devon,K., Dewar,K., Donelan,L., Etmadi,S., Ferreira,P., Fitzhugh,W., Forrest,C., Funke,R., Gage,D., Gardyna,S., Gensheimer,S., Geraigery,K., Gilmartin,T., Grant,G., Hagos,B.,	Birren,B., Fasman,K., Linton,L., Nusbaum,C., Lander,E., Allen,N., Baker,J., Baldwin,J., Barna,N., Beckerly,R., Benn,J., Boatman,C., Boutwell,C., Brown,A., Castle,A., Cerny,J., Cooke,P., Depayre,E., Devon,K., Dewar,K., Donelan,L., Etmadi,S., Ferreira,P., Fitzhugh,W., Forrest,C., Funke,R., Gage,D., Gardyna,S., Gensheimer,S., Geraigery,K., Gilmartin,T., Grant,G., Hagos,B.,

Harris, K., Horton, L., Howland, J.C., Hui, L., Jacotot, L., Kann, L., Macdonald, P., Marquis, N., McEwan, P., McGurk, A., McKernan, K., Melchior, J., Molla, M., Morris, W., Morrow, J., Mychaleckyj, J., Nachman, A., Nahf, R., Naylor, J., Niloff, M., O'Connor, T., Pavlin, B., Peterson, K., Riley, R., Roberts, D., Rossello, R., Roy, A., Shyam, R., Stange-Thomann, N., Stilwell, J., Stojanovic, N., Stone, C., Strickland, C., Subramanian, A., Torruella-Miller, I., Vassiliev, H., Vo, A., Wagner, A., Wang, B., Wheeler, J., Wu, Y., Ye, W.J., Zhao, J. and Zody, M.

Direct Submission
Submitted (10-JUL-1998) Whitehead Institute/MIT Center for Genome Research, 320 Charles Street, Cambridge, MA 02141, USA

3 (bases 1 to 118788)

REFERENCE
AUTHORS
Birken, B., Fasman, K., Linton, L., Nusbaum, C., Lander, E., Allen, N., Baker, J., Baldwin, J., Barna, N., Beckerly, R., Benn, J., Boatin, C., Boutwell, C., Brown, A., Castile, A., Cerny, J., Cooke, P., Depayre, E., Devon, K., Dewar, K., Donellan, L., Etemadi, S., Ferreira, P., FitzHugh, W., Forrest, C., Funke, R., Gage, D., Garayna, S., Gensheimer, S., Geraghty, K., Gilmartin, T., Grant, G., Hagos, B., Harris, K., Horton, L., Howland, J.C., Hui, L., Jacotot, L., Kann, L., Macdonald, P., Marquis, N., McEwan, P., McGurk, A., McKernan, K., Melchior, J., Molla, M., Morris, W., Morrow, J., Mychaleckyj, J., Nachman, A., Nahf, R., Naylor, J., Niloff, M., O'Connor, T., Pavlin, B., Peterson, K., Riley, R., Roberts, D., Rossello, R., Roy, A., Shyam, R., Stange-Thomann, N., Stilwell, J., Stojanovic, N., Stone, C., Strickland, C., Subramanian, A., Torruella-Miller, I., Vassiliev, H., Vo, A., Wagner, A., Wang, B., Wheeler, J., Wu, Y., Ye, W.J., Zhao, J. and Zody, M.

TITLE
JOURNAL
Submitted (23-JUL-1998) Whitehead Institute/MIT Center for Genome Research, 320 Charles Street, Cambridge, MA 02141, USA

COMMENT
On Jul 23, 1998 this sequence version replaced gi:3335015.
All repeats were identified using RepeatMasker: Smit, A.F.A. & Green, P. (1996-1997)
<http://ftp.genome.washington.edu/RM/RepeatMasker.html>

Only the first 118.8 kilobases of this clone are being submitted.
The remainder overlaps accession number AC005274 (WICGR project L350).

FEATURES	source	Location/Qualifiers
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[illegible]

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 JOURNAL
 REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 COMMENT
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 misc_feature
 misc_feature
 CDS
 misc_feature

Direct Submission
 Submitted (27-AUG-1998), Joint Genome Institute, Lawrence Livermore
 National Laboratory, 7000 East Ave., Livermore, CA 94551, USA
 3 (bases 1 to 43514)
 Lamerdin,J.E.
 Direct Submission
 Submitted (03-SEP-1998), Joint Genome Institute, Lawrence Livermore
 National Laboratory, 7000 East Ave., Livermore, CA 94551, USA
 Map and sequence oriented from p telomere to centromere. Cosmid
 R26634 overlaps cosmid R26660 (AC005328) to the left from bases 1
 to 4,683 of this accession, and overlaps cosmid F8682 (AC005257) to
 the right from bases 41,662 to 43,514. Additional chromosome 19 map
 and sequence information may be obtained at:
 http://www.bio.lnl.gov/hbrp/genome/genome.hcm1.
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 19 as its only human chromosome."
 46..152
 /note="DOS similarity to overlapping ESTs:--(46..152)
 AA431731 zw77g03.s1 Soares testis NHT Homo sapiens CDNA
 clone 782260 3'; (391..340): 100% identity.--(111..152)
 AA609572 af15c02.s1 Soares testis NHT Homo sapiens CDNA
 clone 1031714 3'; (372..331): 100% identity."
 complement(273..608)
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 T05239 EST03128 Homo sapiens CDNA clone HFBC75. Score:
 621 Identity: 325/337 (96%).--(718..308) AA496009
 zw72a03.s1 Soares total fetus Nb2HF8 9w Homo sapiens CDNA
 clone 759148 3'; Score: 755 Identity: 398/408 (97%)."
 378..707
 /note="DOS similarity to overlapping ESTs:--AA431731
 zw77g03.s1 Soares testis NHT Homo sapiens CDNA clone
 782260 3'; (339..11): 99% identity.--AA609572 af15c02.s1
 Soares testis NHT Homo sapiens CDNA clone 1031714 3';
 (330..5): 99% identity.--AA448181 zw83c05.s1 Soares testis
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 identity."
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 sapiens CDNA clone 856434 3' similar to TR:G163328 G163328
 LEUKEMIA VIRUS CELL RECEPTOR.; (262..1): 99%
 identity.--(1771..2449) AA167736 zq40d04.s1 Stratagene hnt
 neuron (#937233) Homo sapiens CDNA clone 632167 3'; Score:
 1207 Identity: 655/674 (97%).--(2109..2638) AA843415
 ak07f04.s1 Soares parathyroid tumor NBHPA Homo sapiens
 CDNA clone IMAGE:1405279 3'; Score: 969 Identity: 516/547
 (94%).--(2814..2510) AA364678 EST75336 pineal gland II
 Homo sapiens CDNA 5' end; Score: 582 Identity: 301/305
 (98%).--(3200..2766) H73448 yu02f02.r1 Homo sapiens CDNA
 clone 232635 5'; Score: 717 Identity: 413/446
 (92%).--(3358..2857) H28923 ym33c10.r1 Homo sapiens CDNA
 clone 49674 5'; Score: 756 Identity: 465/518